CIVIL PRO

AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2019-10-11-19(b)** **Date: 26/09/2019**

Project Name	:	Package-2, includes 5 works of Rs.245.00 lakhs 1) Improvements to Roads and Drains at Mariyannapalya Church to Defence Layout and Dynasty Layout in Ward No.06 Byatarayanapura Sub Division. 2) Improvements to Drains and Asphalting to roads at Balaji Layout near Railway Gate in Ward No.06 Byatarayanapura Sub Division. 3) Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division. 4) Improvements to Drains and asphalting to roads at Bharathnagara Saw mill road in Ward No.06 Byatarayanapura Sub Division. 5) Improvements to Drains and asphalting to Roads at Shiradi Sai Nagara and Hegadenagara in Ward No.06 Bytarayanapura Sub Division.
Name of Work	:	Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division
Agency	:	Sri.G.Venkatesh, No.623/A, 11th main, HAL 2nd Stage Indiranagar, Bangalore-560008.
Customer's Reference	:	BBMP/EE/BTP/WO/10/2018-19
Date of Receipt	:	31-08-19
Customer ID	:	Drain Bottom Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	26/09/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	29/08/2019	26/09/2019	149.57 X 151.92 X 149.61	22723	**8.438**	542.7	23.9	23.4
2	Drain Bottom Slab Concrete	M20	29/08/2019	26/09/2019	150.69 X 151.07 X 151.44	22765	**8.643**	511.8	22.5	
3	Drain Bottom Slab Concrete	M20	29/08/2019	26/09/2019	151.35 X 149.33 X 150.37	22602	**8.992**	541.8	24.0	

ಸಹಾಯಕ ಅಧಿಕಾರಿಯವರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-24

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL Pro
Sig.....
Date.....
BANGALORE

Page 1/1
****End of Report****

CIVIL PRO

AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2019-10-11-19(b)** **Date: 13/09/2019**

Project Name	:	Package-2, includes 5 works of Rs.245.00 lakhs 1) Improvements to Roads and Drains at Mariyannapalya Church to Defence Layout and Dynasty Layout in Ward No.06 Byatarayanapura Sub Division. 2) Improvements to Drains and Asphalting to roads at Balaji Layout near Railway Gate in Ward No.06 Byatarayanapura Sub Division. 3) Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division. 4) Improvements to Drains and asphalting to roads at Bharathnagara Saw mill road in Ward No.06 Byatarayanapura Sub Division. 5) Improvements to Drains and asphalting to Roads at Shiradi Sai Nagara and Hegadenagara in Ward No.06 Bytarayanapura Sub Division.
Name of Work	:	Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division
Agency	:	Sri.G.Venkatesh, No.623/A, 11th main, HAL 2nd Stage Indiranagar, Bangalore-560008.
Customer's Reference	:	BBMP/EE/BTP/WO/10/2018-19
Date of Receipt	:	09-09-19
Customer ID	:	Drain Side Wall Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	13/09/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	06/09/2019	13/09/2019	151.09 X 152.00 X 149.20	22965	**8.757**	414.3	18.0	18.5
2	Drain Side Wall Concrete	M20	06/09/2019	13/09/2019	149.38 X 150.74 X 149.53	22518	**8.762**	418.0	18.6	
3	Drain Side Wall Concrete	M20	06/09/2019	13/09/2019	151.31 X 149.67 X 150.66	22645	**8.076**	426.5	18.8	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-24

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL PRO Sig..... Date..... BANGALORE

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

CIVIL PRO

AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2019-10-11-19(b)** **Date: 04/10/2019**

Project Name	:	Package-2, includes 5 works of Rs.245.00 lakhs 1) Improvements to Roads and Drains at Mariyannapalya Church to Defence Layout and Dynasty Layout in Ward No.06 Byatarayanapura Sub Division. 2) Improvements to Drains and Asphalting to roads at Balaji Layout near Railway Gate in Ward No.06 Byatarayanapura Sub Division. 3) Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division. 4) Improvements to Drains and asphalting to roads at Bharathnagara Saw mill road in Ward No.06 Byatarayanapura Sub Division. 5) Improvements to Drains and asphalting to Roads at Shiradi Sai Nagara and Hegadenagara in Ward No.06 Bytarayanapura Sub Division.
Name of Work	:	Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division
Agency	:	Sri.G.Venkatesh, No.623/A, 11th main, HAL 2nd Stage Indiranagar, Bangalore-560008.
Customer's Reference	:	BBMP/EE/BTP/WO/10/2018-19
Date of Receipt	:	09-09-19
Customer ID	:	Drain Side Wall Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	04/10/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	06/09/2019	04/10/2019	151.54 X 150.69 X 149.38	22835	**8.438**	528.1	23.1	23.1
2	Drain Side Wall Concrete	M20	06/09/2019	04/10/2019	150.48 X 150.59 X 149.54	22661	**8.643**	505.9	22.3	
3	Drain Side Wall Concrete	M20	06/09/2019	04/10/2019	151.31 X 149.18 X 150.35	22572	**8.992**	539.4	23.9	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರವರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರವರ
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-24

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL Pro Sig..... Date.....

Page 1/1
****End of Report****

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2019-10-11-19(b)** **Date: 13/09/2019**
Project Name	:	Package-2, includes 5 works of Rs.245.00 lakhs 1) Improvements to Roads and Drains at Mariyannapalya Church to Defence Layout and Dynasty Layout in Ward No.06 Byatarayanapura Sub Division. 2) Improvements to Drains and Asphalting to roads at Balaji Layout near Railway Gate in Ward No.06 Byatarayanapura Sub Division. 3) Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division. 4) Improvements to Drains and asphalting to roads at Bharathnagara Saw mill road in Ward No.06 Byatarayanapura Sub Division. 5) Improvements to Drains and asphalting to Roads at Shiradi Sai Nagara and Hegadenagara in Ward No.06 Bytarayanapura Sub Division.
Name of Work	:	Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division
Agency	:	Sri.G.Venkatesh, No.623/A, 11th main, HAL 2nd Stage Indiranagar, Bangalore-560008.
Customer's Reference	:	BBMP/EE/BTP/WO/10/2018-19
Date of Receipt	:	09-09-19
Customer ID	:	Drain Side Wall Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	13/09/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	06/09/2019	13/09/2019	151.11 X 151.13 X 150.67	22836	**8.757**	415.9	18.2	18.3
2	Drain Side Wall Concrete	M20	06/09/2019	13/09/2019	151.53 X 150.80 X 151.11	22851	**8.762**	413.2	18.1	
3	Drain Side Wall Concrete	M20	06/09/2019	13/09/2019	151.32 X 149.98 X 151.19	22695	**8.076**	420.9	18.5	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-24

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL PRO Sig..... Date..... BANGALORE

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

CIVIL PRO

AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2019-10-11-19(b)** **Date: 04/10/2019**

Project Name	:	Package-2, includes 5 works of Rs.245.00 lakhs 1) Improvements to Roads and Drains at Mariyannapalya Church to Defence Layout and Dynasty Layout in Ward No.06 Byatarayanapura Sub Division. 2) Improvements to Drains and Asphalting to roads at Balaji Layout near Railway Gate in Ward No.06 Byatarayanapura Sub Division. 3) Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division. 4) Improvements to Drains and asphalting to roads at Bharathnagara Saw mill road in Ward No.06 Byatarayanapura Sub Division. 5) Improvements to Drains and asphalting to Roads at Shiradi Sai Nagara and Hegadenagara in Ward No.06 Bytarayanapura Sub Division.
Name of Work	:	Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division
Agency	:	Sri.G.Venkatesh, No.623/A, 11th main, HAL 2nd Stage Indiranagar, Bangalore-560008.
Customer's Reference	:	BBMP/EE/BTP/WO/10/2018-19
Date of Receipt	:	09-09-19
Customer ID	:	Drain Side Wall Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	04/10/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	06/09/2019	04/10/2019	151.29 X 150.90 X 150.39	22831	**8.438**	532.9	23.3	22.9
2	Drain Side Wall Concrete	M20	06/09/2019	04/10/2019	150.40 X 151.21 X 149.34	22741	**8.643**	502.3	22.1	
3	Drain Side Wall Concrete	M20	06/09/2019	04/10/2019	151.26 X 150.97 X 149.69	22835	**8.992**	533.2	23.4	

ಸಹಾಯಕ ಅಧಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧಿಯಂತರರ
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL Pro
Sig.....
Date.....
BANGALORE

Page 1/1
****End of Report****

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2019-10-11-19(b)** **Date: 13/09/2019**

Project Name	:	Package-2, includes 5 works of Rs.245.00 lakhs 1) Improvements to Roads and Drains at Mariyannapalya Church to Defence Layout and Dynasty Layout in Ward No.06 Byatarayanapura Sub Division. 2) Improvements to Drains and Asphalting to roads at Balaji Layout near Railway Gate in Ward No.06 Byatarayanapura Sub Division. 3) Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division. 4) Improvements to Drains and asphalting to roads at Bharathnagara Saw mill road in Ward No.06 Byatarayanapura Sub Division. 5) Improvements to Drains and asphalting to Roads at Shiradi Sai Nagara and Hegadenagara in Ward No.06 Bytarayanapura Sub Division.
Name of Work	:	Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division
Agency	:	Sri.G.Venkatesh, No.623/A, 11th main, HAL 2nd Stage Indiranagar, Bangalore-560008.
Customer's Reference	:	BBMP/EE/BTP/WO/10/2018-19
Date of Receipt	:	09-09-19
Customer ID	:	Drain Side Wall Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	13/09/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	06/09/2019	13/09/2019	151.76 X 150.90 X 149.32	22900	**8.757**	428.3	18.7	18.7
2	Drain Side Wall Concrete	M20	06/09/2019	13/09/2019	151.56 X 150.36 X 149.06	22788	**8.762**	425.0	18.7	
3	Drain Side Wall Concrete	M20	06/09/2019	13/09/2019	149.89 X 149.38 X 149.25	22390	**8.076**	420.7	18.8	

ಸಹಾಯಕ ಅಧಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ-ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-24

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL Pro
Sig.....
Date.....
BANGALORE

****End of Report****

AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2019-10-11-19(b)** **Date: 04/10/2019**

Project Name : Package-2, includes 5 works of Rs.245.00 lakhs 1) Improvements to Roads and Drains at Mariyannapalya Church to Defence Layout and Dynasty Layout in Ward No.06 Byatarayanapura Sub Division. 2) Improvements to Drains and Asphalting to roads at Balaji Layout near Railway Gate in Ward No.06 Byatarayanapura Sub Division. 3) Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division. 4) Improvements to Drains and asphalting to roads at Bharathnagara Saw mill road in Ward No.06 Byatarayanapura Sub Division. 5) Improvements to Drains and asphalting to Roads at Shiradi Sai Nagara and Hegadenagara in Ward No.06 Bytarayanapura Sub Division.

Name of Work	:	Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division
Agency	:	Sri.G.Venkatesh, No.623/A, 11th main, HAL 2nd Stage Indiranagar, Bangalore-560008.
Customer's Reference	:	BBMP/EE/BTP/WO/10/2018-19
Date of Receipt	:	09-09-19
Customer ID	:	Drain Side Wall Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	04/10/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	06/09/2019	04/10/2019	149.49 X 149.88 X 150.75	22406	**8.438**	517.9	23.1	23.1
2	Drain Side Wall Concrete	M20	06/09/2019	04/10/2019	150.87 X 150.47 X 150.99	22701	**8.643**	506.4	22.3	
3	Drain Side Wall Concrete	M20	06/09/2019	04/10/2019	151.45 X 150.09 X 150.45	22730	**8.992**	539.8	23.7	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬೆಂಗಳೂರು-26

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL PRO Sig..... Date..... BANGALORE

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2019-10-11-19(b)** **Date: 13/09/2019**

Project Name : Package-2, includes 5 works of Rs.245.00 lakhs 1) Improvements to Roads and Drains at Mariyannapalya Church to Defence Layout and Dynasty Layout in Ward No.06 Byatarayanapura Sub Division. 2) Improvements to Drains and Asphalting to roads at Balaji Layout near Railway Gate in Ward No.06 Byatarayanapura Sub Division. 3) Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division. 4) Improvements to Drains and asphalting to roads at Bharathnagara Saw mill road in Ward No.06 Byatarayanapura Sub Division. 5) Improvements to Drains and asphalting to Roads at Shiradi Sai Nagara and Hegadenagara in Ward No.06 Bytarayanapura Sub Division.

Name of Work : Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division

Agency : Sri.G.Venkatesh, No.623/A, 11th main, HAL 2nd Stage Indiranagar, Bangalore-560008.

Customer's Reference : BBMP/EE/BTP/WO/10/2018-19

Date of Receipt : 09-09-19

Customer ID : Drain Side Wall Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 13/09/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	06/09/2019	13/09/2019	151.51 X 149.35 X 151.78	22628	**8.757**	418.0	18.5	18.5
2	Drain Side Wall Concrete	M20	06/09/2019	13/09/2019	151.64 X 150.84 X 149.48	22874	**8.762**	414.6	18.1	
3	Drain Side Wall Concrete	M20	06/09/2019	13/09/2019	149.67 X 151.44 X 151.37	22667	**8.076**	426.5	18.8	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-24

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL Pro Sig..... Date..... BANGALORE

Page 1/1
****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2019-10-11-19(b)** **Date: 04/10/2019**

Project Name : Package-2, includes 5 works of Rs.245.00 lakhs 1) Improvements to Roads and Drains at Mariyannapalya Church to Defence Layout and Dynasty Layout in Ward No.06 Byatarayanapura Sub Division. 2) Improvements to Drains and Asphalting to roads at Balaji Layout near Railway Gate in Ward No.06 Byatarayanapura Sub Division. 3) Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division. 4) Improvements to Drains and asphalting to roads at Bharathnagara Saw mill road in Ward No.06 Byatarayanapura Sub Division. 5) Improvements to Drains and asphalting to Roads at Shiradi Sai Nagara and Hegadenagara in Ward No.06 Bytarayanapura Sub Division.

Name of Work : Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division

Agency : Sri.G.Venkatesh, No.623/A, 11th main, HAL 2nd Stage Indiranagar, Bangalore-560008.

Customer's Reference : BBMP/EE/BTP/WO/10/2018-19

Date of Receipt : 09-09-19

Customer ID : Drain Side Wall Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 04/10/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	06/09/2019	04/10/2019	151.93 X 149.23 X 151.72	22672	**8.438**	542.7	23.9	23.5
2	Drain Side Wall Concrete	M20	06/09/2019	04/10/2019	149.90 X 149.12 X 150.05	22354	**8.643**	508.3	22.7	
3	Drain Side Wall Concrete	M20	06/09/2019	04/10/2019	151.38 X 150.42 X 151.22	22770	**8.992**	544.9	23.9	

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ-ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-24

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL Pro Sig..... Date..... BANGALORE

Page 1/1
****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2019-10-11-19(b)** **Date: 20/09/2019**

Project Name : Package-2, includes 5 works of Rs.245.00 lakhs 1) Improvements to Roads and Drains at Mariyannapalya Church to Defence Layout and Dynasty Layout in Ward No.06 Byatarayanapura Sub Division. 2) Improvements to Drains and Asphalting to roads at Balaji Layout near Railway Gate in Ward No.06 Byatarayanapura Sub Division. 3) Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division. 4) Improvements to Drains and asphalting to roads at Bharathnagara Saw mill road in Ward No.06 Byatarayanapura Sub Division. 5) Improvements to Drains and asphalting to Roads at Shiradi Sai Nagara and Hegadenagara in Ward No.06 Bytarayanapura Sub Division.

Name of Work : Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division

Agency : Sri.G.Venkatesh, No.623/A, 11th main, HAL 2nd Stage Indiranagar, Bangalore-560008.

Customer's Reference : BBMP/EE/BTP/WO/10/2018-19

Date of Receipt : 16-09-19

Customer ID : Cement Concrete Pavement

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 20/09/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M20	13/09/2019	20/09/2019	151.00 X 151.88 X 151.23	22934	**8.757**	416.6	18.2	18.4
2	Cement Concrete Pavement	M20	13/09/2019	20/09/2019	149.89 X 150.52 X 151.02	22561	**8.762**	421.3	18.7	
3	Cement Concrete Pavement	M20	13/09/2019	20/09/2019	149.46 X 150.29 X 150.61	22462	**8.076**	412.8	18.4	

ಸಹಾಯಕ ಆಧೀಕ್ಷಕರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL PRO BANGALORE Sig..... Date.....

****End of Report****

AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2019-10-11-19(b)** **Date: 11/10/2019**

Project Name	:	Package-2, includes 5 works of Rs.245.00 lakhs 1) Improvements to Roads and Drains at Mariyannapalya Church to Defence Layout and Dynasty Layout in Ward No.06 Byatarayanapura Sub Division. 2) Improvements to Drains and Asphalting to roads at Balaji Layout near Railway Gate in Ward No.06 Byatarayanapura Sub Division. 3) Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division. 4) Improvements to Drains and asphalting to roads at Bharathnagara Saw mill road in Ward No.06 Byatarayanapura Sub Division. 5) Improvements to Drains and asphalting to Roads at Shiradi Sai Nagara and Hegadenagara in Ward No.06 Bytarayanapura Sub Division.
Name of Work	:	Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division
Agency	:	Sri.G.Venkatesh, No.623/A, 11th main, HAL 2nd Stage Indiranagar, Bangalore-560008.
Customer's Reference	:	BBMP/EE/BTP/WO/10/2018-19
Date of Receipt	:	16-09-19
Customer ID	:	Cement Concrete Pavement
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	11/10/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M20	13/09/2019	11/10/2019	150.26 X 149.79 X 149.45	22507	**8.438**	520.4	23.1	23.2
2	Cement Concrete Pavement	M20	13/09/2019	11/10/2019	151.07 X 151.41 X 150.26	22874	**8.643**	514.2	22.5	
3	Cement Concrete Pavement	M20	13/09/2019	11/10/2019	150.79 X 151.82 X 149.00	22893	**8.992**	549.2	24.0	

FOR CIVIL Pro.

R.KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL PRO Sig..... Date..... BANGALORE

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2019-10-11-19(b)** **Date: 20/09/2019**

Project Name : Package-2, includes 5 works of Rs.245.00 lakhs 1) Improvements to Roads and Drains at Mariyannapalya Church to Defence Layout and Dynasty Layout in Ward No.06 Byatarayanapura Sub Division. 2) Improvements to Drains and Asphalting to roads at Balaji Layout near Railway Gate in Ward No.06 Byatarayanapura Sub Division. 3) Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division. 4) Improvements to Drains and asphalting to roads at Bharathnagara Saw mill road in Ward No.06 Byatarayanapura Sub Division. 5) Improvements to Drains and asphalting to Roads at Shiradi Sai Nagara and Hegadenagara in Ward No.06 Bytarayanapura Sub Division.

Name of Work : Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division

Agency : Sri.G.Venkatesh, No.623/A, 11th main, HAL 2nd Stage Indiranagar, Bangalore-560008.

Customer's Reference : BBMP/EE/BTP/WO/10/2018-19

Date of Receipt : 16-09-19

Customer ID : Cement Concrete Pavement

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 20/09/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M20	13/09/2019	20/09/2019	151.60 X 150.55 X 149.45	22823	**8.757**	430.8	18.9	18.7
2	Cement Concrete Pavement	M20	13/09/2019	20/09/2019	151.38 X 150.30 X 149.43	22754	**8.762**	430.0	18.9	
3	Cement Concrete Pavement	M20	13/09/2019	20/09/2019	149.87 X 151.44 X 150.53	22696	**8.076**	417.5	18.4	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬೆಂಗಳೂರು-24

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL Pro Sig..... Date..... BANGALORE

Page 1/1
****End of Report****

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2019-10-11-19(b)** **Date: 11/10/2019**

Project Name : Package-2, includes 5 works of Rs.245.00 lakhs 1) Improvements to Roads and Drains at Mariyannapalya Church to Defence Layout and Dynasty Layout in Ward No.06 Byatarayanapura Sub Division. 2) Improvements to Drains and Asphalting to roads at Balaji Layout near Railway Gate in Ward No.06 Byatarayanapura Sub Division. 3) Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division. 4) Improvements to Drains and asphalting to roads at Bharathnagara Saw mill road in Ward No.06 Byatarayanapura Sub Division. 5) Improvements to Drains and asphalting to Roads at Shiradi Sai Nagara and Hegadenagara in Ward No.06 Bytarayanapura Sub Division.

Name of Work : Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division

Agency : Sri.G.Venkatesh, No.623/A, 11th main, HAL 2nd Stage Indiranagar, Bangalore-560008.

Customer's Reference : BBMP/EE/BTP/WO/10/2018-19

Date of Receipt : 16-09-19

Customer ID : Cement Concrete Pavement

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 11/10/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M20	13/09/2019	11/10/2019	150.03 X 149.92 X 149.22	22492	**8.438**	519.3	23.1	23.0
2	Cement Concrete Pavement	M20	13/09/2019	11/10/2019	151.65 X 151.30 X 150.23	22946	**8.643**	519.5	22.6	
3	Cement Concrete Pavement	M20	13/09/2019	11/10/2019	149.38 X 151.05 X 151.00	22565	**8.992**	527.3	23.4	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ-ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ-3

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL Pro Sig..... Date..... BANGALORE

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2019-10-11-19(b)** **Date: 20/09/2019**

Project Name : Package-2, includes 5 works of Rs.245.00 lakhs 1) Improvements to Roads and Drains at Mariyannapalya Church to Defence Layout and Dynasty Layout in Ward No.06 Byatarayanapura Sub Division. 2) Improvements to Drains and Asphalting to roads at Balaji Layout near Railway Gate in Ward No.06 Byatarayanapura Sub Division. 3) Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division. 4) Improvements to Drains and asphalting to roads at Bharathnagara Saw mill road in Ward No.06 Byatarayanapura Sub Division. 5) Improvements to Drains and asphalting to Roads at Shiradi Sai Nagara and Hegadenagara in Ward No.06 Bytarayanapura Sub Division.

Name of Work : Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division

Agency : Sri.G.Venkatesh, No.623/A, 11th main, HAL 2nd Stage Indiranagar, Bangalore-560008.

Customer's Reference : BBMP/EE/BTP/WO/10/2018-19

Date of Receipt : 16-09-19

Customer ID : Cement Concrete Pavement

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 20/09/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M20	13/09/2019	20/09/2019	150.29 X 151.26 X 150.08	22732	**8.757**	410.3	18.0	18.2
2	Cement Concrete Pavement	M20	13/09/2019	20/09/2019	149.75 X 150.46 X 151.15	22531	**8.762**	408.2	18.1	
3	Cement Concrete Pavement	M20	13/09/2019	20/09/2019	150.02 X 151.68 X 150.74	22755	**8.076**	420.3	18.5	

ಸಹಾಯಕ ಅಧಿಕ್ಷಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-26

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL Pro Sig..... Date..... BANGALORE

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2019-10-11-19(b)** **Date: 11/10/2019**

Project Name : Package-2, includes 5 works of Rs.245.00 lakhs 1) Improvements to Roads and Drains at Mariyannapalya Church to Defence Layout and Dynasty Layout in Ward No.06 Byatarayanapura Sub Division. 2) Improvements to Drains and Asphalting to roads at Balaji Layout near Railway Gate in Ward No.06 Byatarayanapura Sub Division. 3) Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division. 4) Improvements to Drains and asphalting to roads at Bharathnagara Saw mill road in Ward No.06 Byatarayanapura Sub Division. 5) Improvements to Drains and asphalting to Roads at Shiradi Sai Nagara and Hegadenagara in Ward No.06 Bytarayanapura Sub Division.

Name of Work : Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division

Agency : Sri.G.Venkatesh, No.623/A, 11th main, HAL 2nd Stage Indiranagar, Bangalore-560008.

Customer's Reference : BBMP/EE/BTP/WO/10/2018-19

Date of Receipt : 16-09-19

Customer ID : Cement Concrete Pavement

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 11/10/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M20	13/09/2019	11/10/2019	150.05 X 151.58 X 151.43	22744	**8.438**	542.9	23.9	23.1
2	Cement Concrete Pavement	M20	13/09/2019	11/10/2019	149.70 X 149.76 X 150.61	22418	**8.643**	504.8	22.5	
3	Cement Concrete Pavement	M20	13/09/2019	11/10/2019	151.99 X 150.33 X 151.06	22847	**8.992**	526.4	23.0	

ನಿಯಂತ್ರಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬೆಂಗಳೂರು-24

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL Pro
Sig.....
Date.....
BANGALORE

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2019-10-11-19(b)** **Date: 20/09/2019**

Project Name : Package-2, includes 5 works of Rs.245.00 lakhs 1) Improvements to Roads and Drains at Mariyannapalya Church to Defence Layout and Dynasty Layout in Ward No.06 Byatarayanapura Sub Division. 2) Improvements to Drains and Asphalting to roads at Balaji Layout near Railway Gate in Ward No.06 Byatarayanapura Sub Division. 3) Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division. 4) Improvements to Drains and asphalting to roads at Bharathnagara Saw mill road in Ward No.06 Byatarayanapura Sub Division. 5) Improvements to Drains and asphalting to Roads at Shiradi Sai Nagara and Hegadenagara in Ward No.06 Bytarayanapura Sub Division.

Name of Work : Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division

Agency : Sri.G.Venkatesh, No.623/A, 11th main, HAL 2nd Stage Indiranagar, Bangalore-560008.

Customer's Reference : BBMP/EE/BTP/WO/10/2018-19

Date of Receipt : 16-09-19

Customer ID : Cement Concrete Pavement

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 20/09/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M20	13/09/2019	20/09/2019	150.78 X 151.97 X 149.07	22915	**8.757**	433.2	18.9	18.5
2	Cement Concrete Pavement	M20	13/09/2019	20/09/2019	151.47 X 151.87 X 150.78	23004	**8.762**	423.9	18.4	
3	Cement Concrete Pavement	M20	13/09/2019	20/09/2019	150.10 X 151.73 X 149.24	22774	**8.076**	414.9	18.2	

ಸಹಾಯಕ ಅಧಿಕಾರಿಯವರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧಿಯಂತರವರ
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-24

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL Pro
Sig.....
Date.....
BANGALORE

Page 1/1
****End of Report****

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2019-10-11-19(b)** **Date: 11/10/2019**

Project Name : Package-2, includes 5 works of Rs.245.00 lakhs 1) Improvements to Roads and Drains at Mariyannapalya Church to Defence Layout and Dynasty Layout in Ward No.06 Byatarayanapura Sub Division. 2) Improvements to Drains and Asphalting to roads at Balaji Layout near Railway Gate in Ward No.06 Byatarayanapura Sub Division. 3) Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division. 4) Improvements to Drains and asphalting to roads at Bharathnagara Saw mill road in Ward No.06 Byatarayanapura Sub Division. 5) Improvements to Drains and asphalting to Roads at Shiradi Sai Nagara and Hegadenagara in Ward No.06 Bytarayanapura Sub Division.

Name of Work : Improvements to Drains and Asphalting to Roads at Vidyasagara Layout and Surrounding area in Ward No.06 Byatarayanapura Sub Division

Agency : Sri.G.Venkatesh, No.623/A, 11th main, HAL 2nd Stage Indiranagar, Bangalore-560008.

Customer's Reference : BBMP/EE/BTP/WO/10/2018-19

Date of Receipt : 16-09-19

Customer ID : Cement Concrete Pavement

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 11/10/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M20	13/09/2019	11/10/2019	151.98 X 149.52 X 151.58	22724	**8.438**	541.5	23.8	23.4
2	Cement Concrete Pavement	M20	13/09/2019	11/10/2019	151.85 X 149.35 X 151.21	22678	**8.643**	516.0	22.8	
3	Cement Concrete Pavement	M20	13/09/2019	11/10/2019	150.96 X 150.75 X 149.83	22757	**8.992**	536.2	23.6	

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬೆಂಗಳೂರು-26

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL PRO BANGALORE Sig..... Date.....

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com